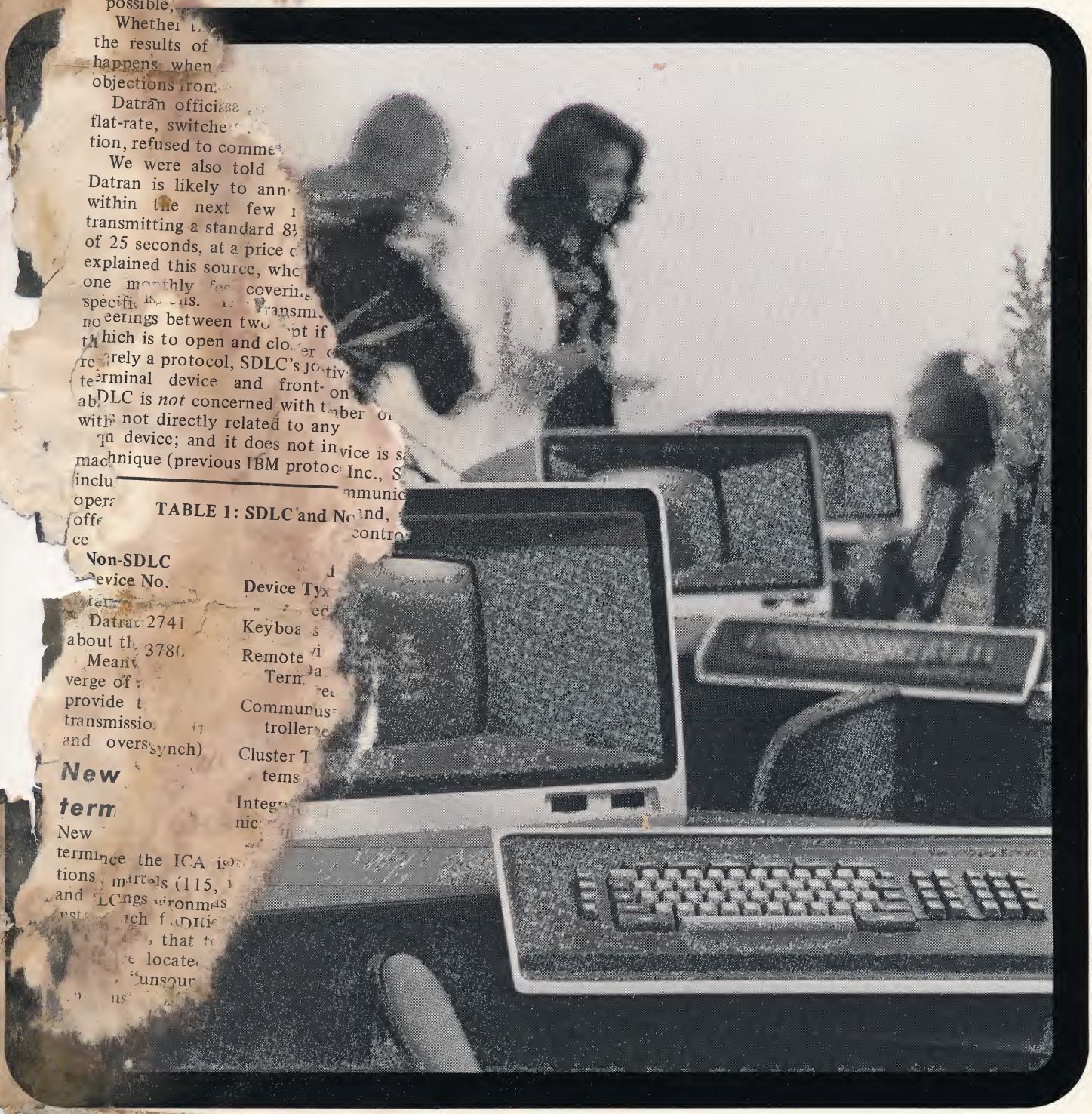
Nov 75

The Sycor 250 intelligent Display System.

(Programmable.)



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The Sycor 250 — The Intelligent Answer to On-Line Data Entry.

The Sycor 250 system is a series of low-cost IBM 3270-compatible remote display stations, stand-alone terminals and printers, which can be programmed by the user to do many of the tasks that the CPU used to do.

Two screen capacities, two keyboard arrangements, dual tractor printers from 80 to 165 cps, and binary synchronous communications from 1200-4800 bps let you go even further in tailoring a configuration to your own unique requirements.

In addition, each display station has its own micro-processor with 8k bytes of read-only memory and 6k bytes of programmable memory, connected to a simple control unit.

Save Time and Money With User Programmability.

FIL, our Field Instruction Language, makes the Sycor 250 the only user-programmable 3270-compatible system on the market. And through the use of FIL, you get advantages like error-free transmission, a decrease in communications lines costs and greater operator efficiency.

FIL consists of fill-in-the-blanks formats which augment existing screen formats, including those generated under CICS, IMS, TSO and Video 370.

It also permits a full range of intelligent capabilities like capacity control, check digit verification, arithmetic operations, range checking, table comparison and other data validation features. Features that can save you time and money.

Store Data at Your Terminal.

You can store FIL programs or formats locally with our new flexible disk option. [illegible] you get the best of two [illegible] the storage capabilities [illegible] terminal and the inc[illegible] features of an on-lir[illegible]

You can use our [illegible] to store non-critical data [illegible] day and transmit it to the CP[illegible] batches in the evening. [illegible] be processed at night a[illegible] back, unattended, to th[illegible] for printing the follow[illegible]

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patible with IBM's 3270
display terminal and is supported by standard IBM hardware and software.

A key advantage of our Sycor 250's capability of local error detection is the elimination of operator errors before the data is sent to the CPU. Because of the increased network efficiency it provides, you can connect more terminals to the same line without causing an overloading.

Choose From a Wide Range of Low-Cost Options.

The Sycor 2580 printer series, operating at 80 to 165 cps, handles up to 14½ inch, 132 column adjustable width-forms and includes vertical forms control. The 7 x 7 dot matrix print mechanism is capable of printing two separate forms simultaneously through a unique dual-tractor option. Keyboard entered data for invoices can be printed on the first tractor while administrative message traffic is printed on stock paper in the second tractor.

In addition, Sycor printers are available in buffered and unbuffered versions and our unique overlapped option lets you key-enter and print CPU-originated data simultaneously, without disrupting the contents of the display screen.

We also offer a light pen for menu and multiple choice applications. With it, an operator can select the desired field on the CRT by pointing the pen at the approximate screen position.

For security's sake, the Sycor badge reader identifies an authorized operator to both the terminal and the central processing unit, limiting operator access to certain secure files.

The Intelligent Choice.

Sycor helped pioneer intelligent terminals back in 1971 with the Model 340. Since that time, we've produced more than 25,000. Make the intelligent choice—call your Sycor representative today.

Specifications.

Display Station

Cathode Ray Tube:
- Capacity: 480 characters on 12 lines of 40 characters each, or 1920 characters on 24 lines of 80 characters each
- Character Size: 480: .11″ wide x .20″ high; 1920: .06″ wide x .14″ high
- Display: Green characters on non-glare background
- Refresh Rate: 480: 115 Hz; 1920: 50 Hz
- Viewing Area: 480: 8.2″ wide x 4.5″ high; 1920: 8.5″ wide x 5.8″ high
- Intensities: Normal, bright, non-displayed
- Character Set: Standard upper case, optional lower case

Keyboard:
- Cable Length: 2 feet for operator convenience
- Layout: Typewriter or data entry
- Function Keys: 27 standard function keys plus 12 optional program function keys

Dimensions:
- Size: 16″ high, 21½″ wide, 27¾″ deep including 9¾″ for keyboard
- Weight: 74 lbs.
- Power: 174 VA

Control Unit

Dimensions:
- Size: 16″ high, 20½″ wide, 18″ deep
- Weight: 65 lbs.
- Power: 125 VA

Terminal Connection:
- Via twisted pair or standard coax cable up to 2000 feet. Daisy chained or single drop. Maximum of 18 lines with up to 4 displays per line, or a maximum of 32 displays.

System

Voltage: 110V ± 10%; 60 Hz ± 2% (50 Hz optional)

Temperature: 50° to 104° operating: 14° to 140° non-operating

Humidity: 10% to 90% relative, non-condensing, operating; 5% to 95% relative, non-condensing, non-operating

Transmission Speeds: 1200-4800 bps

Clocking: Either in modem or in terminal

Transmission Code: EBCDIC or ASCII

Printer

Dimensions:
- Size: 31⅝″ high, 29⅛″ wide, 17¾″ deep
- Weight: 125 lbs.
- Power: 327 VA

Prints upper and lower case 80 and 165 cps

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Philadelph
Pittsburgh,
Portland, OR
San Francisco, CA
St. Louis, MO
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Washington, DC

95 Service Centers in the U.S. and Canada.

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I'm interested in learning more about the Sycor 250 Intelligent Display System.

My requirement is ☐ immediate ☐ 3 months away
☐ greater than 6 months away

My quantity requirement is _____ display stations

My CPU is a _____ Model _____

Please ☐ have a salesman call:
my telephone number is _____

☐ send me more information on the
Sycor 250 *(expanded brochure)*

☐ add my name to your bi-monthly newsletter *"Update"*

Name _____

Title _____

Company _____

Street _____

City _____ State _____ Zip _____

SYCOR INC

FIRST CLASS
PERMIT NO. 1531
ANN ARBOR,
MICHIGAN

BUSINESS REPLY CARD

No postage stamp necessary if mailed in the United States

Postage will be paid by

SYCOR, INC.

100 PHOENIX DRIVE
ANN ARBOR, MICHIGAN 48104

DEPT. 705

Thank you for your interest in the Sycor Intelligent Display System. If we can be of further assistance, please complete and mail the attached post-paid reply card.

SYCOR, INC.